

PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 6

**Complete if Known**

Application Number	10/613,208
Filing Date	July 3, 2003
First Named Inventor	Charles P. Barber
Art Unit	2876
Examiner Name	Karl D. Frech
Attorney Docket Number	283-263 Con

U.S. PATENT DOCUMENTS					
Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KOF	AA	US Patent Application No. 10/092,789. Filed March 7, 2002. U. S. Publication No. 2003/0028917 (Abandoned) (Copies of Office Actions Dated 8/18/03 and 1/28/04 are attached).	02-13-2003	Hennick et al.	
	AB	US Patent Application No. 10/093,136. Filed March 7, 2002. U. S. Publication No. 2003/0062413 (Allowed) (Copy of Office Action Dated 7/11/03 attached).	04-03-2003	Gardiner et al.	
	AC	US Patent Application No. 10/093,140. Filed March 7, 2002. U. S. Publication No. 2003/0018934 (Abandoned) (Copies of Office Actions Dated 8/6/03 and 3/1/04 are attached).	01-30-2003	Hunter et al.	
	AD	US Patent Application No. 10/093,135. Filed March 7, 2002. U. S. Publication No. 2003/0089776A1 (Copies of Office Actions dated 8/27/03, 1/05/04, 3/24/04 and 4/30/04 are attached as well as Notice of Allowability dated 9/29/04 and 11/09/04 Office Action)	05-15-2003	Hennick et al.	
	AE	US Patent Application No. 10/093,167. Filed March 7, 2002. U. S. Publication No. 2003/0034394 (Abandoned) (Copy of Office Action Dated 7/17/03 attached).	02-20-2003	Gannon et al.	
	AF	US Patent Application No. 09/411,936. Filed October 4, 1999. (Copies of Office Actions dated 1/31/02, 10/07/02, 04/09/03, 12/18/03, and 08/12/04 attached)	Filed 10/04/1999	Barber et al.	
	AG	US Patent Application No. 10/613,208. Filed July 3, 2003. (Copy of Office Action dated 12/02/04 attached)	Filed 07-03-2003	Barber et al.	
KOF	AH	US Patent Application No. 09/802,579. Filed March 8, 2001. U. S. Patent No. 6,601,768 B2. (Copies of Office Actions dated 10/16/01, 04/10/02, and 10/23/02 are attached as well as copies of Notices of Allowability dated 2/14/03, 3/6/03 and 4/1/03)	Issued 08/05/2003	McCall et al.	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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KOF	AI	US Patent Application No. 10/445,524. Filed May 27, 2003. U. S. Publication No. 2003/0213847. (Abandoned) (Copies of Office Actions dated 2/23/04 and 5/28/04 attached)	11-20-2003	McCall et al.	
	AJ	US-4,092,698	05-30-1978	Brefka	
	AK	US-4,158,194	06-12-1979	McWaters et al.	
	AL	US-4,315,245AA	02-09-1982	Sumitomo Electric Industries, Ltd.	
	AM	US-4,471,384	09-11-1984	Fujitsu Limited	
	AN	US-4,818,847A	04-04-1989	Nippondenso Co., Ltd.	
	AO	US-4,847,490	07-11-1989	Sumitomo Electric Industries, Ltd.	
	AP	US-5,010,241	04-23-1991	Hewlett-Packard Company	
	AQ	US-5,019,699	05-28-1991	Norand Corporation	
	AR	US-5,059,778	10-22-1991	Mars Incorporated	
	AS	US-5,132,525	07-21-1992	Jerome Swartz	
	AT	US-5,280,162	01-18-1994	Symbol Technologies, Inc.	
	AU	US-5,331,176	07-19-1994	San' Anselmo et al.	
	AV	US-5,359,185	10-25-1994	Norand Corporation	
	AW	US 5,420,411	05-30-1995	Salatto et al.	
	AX	US-5,468,950	11-21-1995	Norand Corporation	
	AY	US-5,473,149	12-05-1995	Miwa et al.	
	AZ	US-5,504,317	04-02-1996	Takahashi	
	BA	US 5,504,367	04-02-1996	Arackellian et al.	
	BB	US-5,510,607	04-23-1996	Kabushiki Kaisha TEC	
	BC	US-5,550,366	08-27-1996	Roustaei	
	BD	US-5,572,006A	11/05/1996	Metanetics Corporation	
	BE	US-5,598,007	01-28-1997	Bunce et al.	
	BF	US-5,703,349	12-30-1997	Metanetics Corporation	
	BG	US-5,734,153	03-31-1998	Symbol Technologies, Inc.	
	BH	US-5,738,725	02-02-2002	Danielson	
	BI	US-5,743,633	04-28-1998	Chau et al.	
	BJ	US-5,750,978	05-12-1998	Eastman et al.	
	BK	US-5,756,981	05-28-1998	Symbol Technologies, Inc.	
	BL	US-5,763,864	06-09-1998	Meta Holding Corporation	
	BM	US-5,783,811	07-21-1998	Feng et al.	
	BN	US-5,793,033	08-11-1998	Feng	
	BO	US-5,818,028	10-06-1998	Telxon Corporation	
	BP	US-5,821,513	10-13-1998	O'Hagan et al.	
	BQ	US-5,837,985A	11-17-1998	Welch Allyn, Inc.	
	BR	US-5,850,078	12-15-1998	Telxon Corporation	

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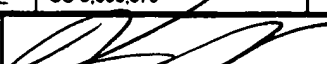
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Sheet **3** of **6****Complete if Known**

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Filing Date	July 3, 2003
First Named Inventor	Charles P. Barber
Art Unit	2876
Examiner Name	Karl D. Frech
Attorney Docket Number	283-263 Con

**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<b>KDF</b>	BS	US-5,872,354	02-15-1999	Hanson	
	BT	US-5,850,078A	12-15-1998	Symbol Technologies, Inc.	
	BU	US-5,877,487	03-02-1999	Tani et al.	
	BV	US-5,886,338	03-23-1999	Areckellian et al.	
	BW	US-5,894,348A	04-13-1999	Kensington Laboratories, Inc.	
	BX	US-5,912,451	06-15-1999	Symbol Technologies, Inc.	
	BY	US-5,917,171A	06-29-1999	Matsushita Electric Industrial Co., Ltd.	
	BZ	US-5,920,061	07-06-1999	Metanetics Corporation, Inc.	
	CA	US-5,942,743	08-24-1999	Schmidt et al.	
	CB	US-5,949,057	09-07-1999	Feng	
	CC	US-5,992,744	11-30-1999	Smith et al.	
	CD	US-5,992,751	11-30-1999	Norand Corporation	
	CE	US-5,992,753	11-30-1999	Metanetics Corporation	
	CF	US-6,019,286A	02-01-2000	Metanetics Corporation	
	CG	US-6,029,893A	02-29-2000	Symbol Technologies, Inc.	
	CH	US-6,034,379	03-07-2000	Bunte et al.	
	CI	US-6,039,255A	03-21-2000	Asahi Kogaku Kogyo Kabushiki Kaisha	
	CJ	US-6,042,013	03-28-2000	Fork	
	CK	US-6,045,047A	04-04-2000	Welch Allyn Data Collection, Inc.	
	CL	US-6,060,722	05-09-2000	Havens et al.	
	CM	US-6,062,475	05-16-2000	Feng	
	CN	US-6,092,728A	07-25-2000	Symbol Technologies, Inc.	
	CO	US-6,105,869	08-22-2000	Scharf et al.	
	CP	US-6,119,939	09-19-2000	Welch Allyn, Inc.	
	CQ	US 6,123,283	09-26-2000	Feng	
	CR	US-6,129,276A	10-10-2000	Telxon Corporation	
	CS	US-6,164,544	12-26-2000	Schwartz et al.	
	CT	US-6,168,079B1	01-02-2001	Telxon Corporation	
	CU	US-6,179,208B1	01-30-2001	Metanetics Corporation	
	CV	US-6,223,986B1	05-01-2001	PSC Scanning, Inc.	
	CW	US-6,275,388	08-14-2001	Hennick et al.	
	CX	US-6,283,374B1	09-04-2001	Robotic Vision Systems, Inc.	
	CY	US-6,315,204	11-13-2001	Knighton et al.	
	CZ	US-6,332,573	12-25-2001	Gu et al.	
	DA	US-6,340,114	01-01-2001	Correa et al.	
	DB	US-6,347,163	02-12-2002	Roustaei	
	DC	US-6,360,949	03-26-2002	Shepard et al.	
	DD	US-6,371,374	04-16-2002	Welch Allyn, Inc.	
<b>KDF</b>	DE	US-6,550,679	04-22-2003	Hand Held Products, Inc.	
Examiner Signature			Date Considered	6/23/05	

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Sheet 4 of 6

**Complete If Known**

Application Number	10/613,208
Filing Date	July 3, 2003
First Named Inventor	Charles P. Barber
Art Unit	2876
Examiner Name	Karl D. Frech
Attorney Docket Number	283-263 Con

**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KDF	DF	US-6,601,768	08-05-2003	McCall et al.	
	DG	US-6,607,128	08-19-2003	Welch Allyn, Inc.	
	DH	US-6,634,558	10-21-2003	Patel et al.	
KDF	DI	US-6,669,093	12-30-2003	Meyerson et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
KDF	DJ	EP	0 431 831	A1	06/12/1991	NCR Corporation		
	DK	EP	0 548 951	A2	06/30/1993	Symbol Technologies, Inc.		
	DL	EP	0 905 537	A1	03/31/1999	Canon Kabushiki Kaisha		
	DM	EP	0 944 017	A2	09/22/1999	Symbol Technologies, Inc.		
	DN	EP	1 079 466	A2	02/28/2001	Sony Computer Entertainment Inc.		
	DO	DE	1240 149	B	05/11/1967	IRC, Inc.	English Translation Unavailable	
	DP	DE	1 233 038	B	01/26/1967	Siemens Aktiengesellschaft	English Translation Unavailable	
	DQ	DT	24 45727	A1	09/25/1974	Pitney-Bowes, Inc.	English Translation Unavailable	
	DR	EP	0 516 927	A2	12/09/1992	Data Logic optik Elektronik GmbH		
	DS	EP	0 974 924	A2	01/26/2000	Eastman Kodak Company		
	DT	EP	1 128 315	A1	08/29/2001	Datalogic S.P.A.		
	DU	EP	1 128 314	A1	08/29/2001	Datalogic S.P.A.		
	DV	EP	1 111 538	A1	06/27/2001	Datalogic S.P.A.		
	DW	JP	04-367085		12/18/1992	NIYUURON:KK	Abstract Attached	
	DX	JP	09-035856		02/07/1997	Tokai Konetsu Kogyo Co Ltd	Translated Abstract, Claims, Detailed Description and Drawings Attached	
	DY	JP	05-086227		04/20/1993	Canon Inc.	Translated Abstract, Claims, Detailed Description and Figures Attached	
	DZ	JP	02-041496		02/09/1990	W R Grace & Co	Abstract Attached	
	EA	JP	07-011842		01/13/1995	Toyota Motor Corp	Translated Abstract, Claims, Detailed Description and Figures Attached	
KDF	EB	JP	56-101256		08/13/1981	NEC Corp	Abstract Attached	
	EC	JP	56-151140		11/24/1981	Sintokogio Ltd	Abstract Attached	

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		Country Code <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
<b>KOF</b>	ED	JP	54-021869		02/19/1979		English Translation Unavailable	
	EE	JP	54-021871		02/19/1979	Seiko Instr & Electronics Ltd	Abstract Attached	
	EF	JP	64-086220		03/03/1989	NEC Corp	Abstract Attached	
	EG	JP	54-109425		08/28/1979		English Translation Unavailable	
	EH	JP	61-231912		10/16/1986		English Translation Unavailable	
	EI	WO	01/13158	A1	02/22/2001	Symbol Technologies, Inc.		
	EJ	WO	01/26035	A2	04/12/2001	PSC Scanning, Inc.		
	EK	WO	97/15024	A1	04/24/1997	META Holding Corporation		
	EL	WO	94/27250	A1	11/24/1994	Norand Corporation		
	EM	WO	97/28512	A1	08/07/1997	PSC Inc.		
<b>KOF</b>	EN	WO	99/41545		08/19/1999	The Research Foundation of State University of New York		

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Sheet	6	of	6		

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Examiner Name	Karl D. Frech

Sheet 1 of 1

Attorney Docket Number 283-263 Con

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KDF	AA	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC., ERIC R. FOSSUM, "Digital Camera System on a Chip," Reprint, IEEE Micro, Volume 18, Number 3, May/June 1998, 9 pages	
	AU		
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	ABB		
	ACC		
	ADD		

Examiner Signature		Date Considered	6/23/05
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